

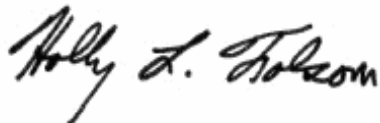
August 30, 2011

Bob May
Fuss & O'Neill EnviroScience, LLC - MA
50 Redfield Street, Suite 100
Boston, MA 02122

Project Location: Westport Middle School
Client Job Number:
Project Number: 20080788.A6E
Laboratory Work Order Number: 11H1066

Enclosed are results of analyses for samples received by the laboratory on August 25, 2011. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, reading "Holly L. Folsom". The signature is written in a cursive, flowing style.

Holly L. Folsom
Project Manager

Fuss & O'Neill EnviroScience, LLC - MA
50 Redfield Street, Suite 100
Boston, MA 02122
ATTN: Bob May

REPORT DATE: 8/30/2011

PURCHASE ORDER NUMBER: 20080788.A6E

PROJECT NUMBER: 20080788.A6E

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 11H1066

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Westport Middle School

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
824-JAC-9A	11H1066-01	Wipe	Main Office Front Desk	SW-846 8082A	
824-JAC-9B	11H1066-02	Wipe	Main Office Paper Cutter	SW-846 8082A	
824-JAC-9C	11H1066-03	Wipe	Main Office Paper Cutter	SW-846 8082A	
824-JAC-9D	11H1066-04	Wipe	Blank	SW-846 8082A	

CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

SW-846 8082A

Qualifications:

Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.

Analyte & Samples(s) Qualified:

Aroclor-1016, Aroclor-1016 [2C], Aroclor-1260, Aroclor-1260 [2C]

11H1066-01[824-JAC-9A], 11H1066-02[824-JAC-9B], 11H1066-03[824-JAC-9C], 11H1066-04[824-JAC-9D], B036244-BLK1, B036244-BS1, B036244-BSD1

Surrogate recovery outside of control limits in BS/MS spiked sample, all reported analytes are within control criteria, data not significantly affected.


Analyte & Samples(s) Qualified:

Decachlorobiphenyl, Decachlorobiphenyl [2C]

B036244-BS1

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.

I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Michael A. Erickson
Laboratory Director

Project Location: Westport Middle School

Sample Description: Main Office Front Desk

Work Order: 11H1066

Date Received: 8/25/2011

Field Sample #: 824-JAC-9A

Sampled: 8/24/2011 00:00

Sample ID: 11H1066-01

Sample Matrix: Wipe

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	µg/Wipe	1	R-05	SW-846 8082A	8/25/11	8/29/11 17:06	JMB
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/25/11	8/29/11 17:06	JMB
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/25/11	8/29/11 17:06	JMB
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/25/11	8/29/11 17:06	JMB
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/25/11	8/29/11 17:06	JMB
Aroclor-1254 [1]	0.21	0.20	µg/Wipe	1		SW-846 8082A	8/25/11	8/29/11 17:06	JMB
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1	R-05	SW-846 8082A	8/25/11	8/29/11 17:06	JMB
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/25/11	8/29/11 17:06	JMB
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/25/11	8/29/11 17:06	JMB
Surrogates	% Recovery	Recovery Limits	Flag						
Decachlorobiphenyl [1]	128	30-150							
Decachlorobiphenyl [2]	136	30-150							
Tetrachloro-m-xylene [1]	126	30-150							
Tetrachloro-m-xylene [2]	134	30-150							

Project Location: Westport Middle School

Sample Description: Main Office Paper Cutter

Work Order: 11H1066

Date Received: 8/25/2011

Field Sample #: 824-JAC-9B

Sampled: 8/24/2011 00:00

Sample ID: 11H1066-02

Sample Matrix: Wipe

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	µg/Wipe	1	R-05	SW-846 8082A	8/25/11	8/29/11 17:20	JMB
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/25/11	8/29/11 17:20	JMB
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/25/11	8/29/11 17:20	JMB
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/25/11	8/29/11 17:20	JMB
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/25/11	8/29/11 17:20	JMB
Aroclor-1254 [1]	0.68	0.20	µg/Wipe	1		SW-846 8082A	8/25/11	8/29/11 17:20	JMB
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1	R-05	SW-846 8082A	8/25/11	8/29/11 17:20	JMB
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/25/11	8/29/11 17:20	JMB
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/25/11	8/29/11 17:20	JMB
Surrogates	% Recovery	Recovery Limits	Flag						
Decachlorobiphenyl [1]	121	30-150							
Decachlorobiphenyl [2]	130	30-150							
Tetrachloro-m-xylene [1]	122	30-150							
Tetrachloro-m-xylene [2]	131	30-150							

Project Location: Westport Middle School

Sample Description: Main Office Paper Cutter

Work Order: 11H1066

Date Received: 8/25/2011

Field Sample #: 824-JAC-9C

Sampled: 8/24/2011 00:00

Sample ID: 11H1066-03

Sample Matrix: Wipe

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	µg/Wipe	1	R-05	SW-846 8082A	8/25/11	8/29/11 17:34	JMB
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/25/11	8/29/11 17:34	JMB
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/25/11	8/29/11 17:34	JMB
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/25/11	8/29/11 17:34	JMB
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/25/11	8/29/11 17:34	JMB
Aroclor-1254 [1]	0.34	0.20	µg/Wipe	1		SW-846 8082A	8/25/11	8/29/11 17:34	JMB
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1	R-05	SW-846 8082A	8/25/11	8/29/11 17:34	JMB
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/25/11	8/29/11 17:34	JMB
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/25/11	8/29/11 17:34	JMB
Surrogates	% Recovery	Recovery Limits	Flag						
Decachlorobiphenyl [1]	127	30-150							
Decachlorobiphenyl [2]	136	30-150							
Tetrachloro-m-xylene [1]	144	30-150							
Tetrachloro-m-xylene [2]	135	30-150							

Project Location: Westport Middle School

Sample Description: Blank

Work Order: 11H1066

Date Received: 8/25/2011

Field Sample #: 824-JAC-9D

Sampled: 8/24/2011 00:00

Sample ID: 11H1066-04

Sample Matrix: Wipe

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	µg/Wipe	1	R-05	SW-846 8082A	8/25/11	8/29/11 17:48	JMB
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/25/11	8/29/11 17:48	JMB
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/25/11	8/29/11 17:48	JMB
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/25/11	8/29/11 17:48	JMB
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/25/11	8/29/11 17:48	JMB
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/25/11	8/29/11 17:48	JMB
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1	R-05	SW-846 8082A	8/25/11	8/29/11 17:48	JMB
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/25/11	8/29/11 17:48	JMB
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/25/11	8/29/11 17:48	JMB
Surrogates	% Recovery	Recovery Limits	Flag						
Decachlorobiphenyl [1]	90.7	30-150							
Decachlorobiphenyl [2]	96.7	30-150							
Tetrachloro-m-xylene [1]	93.6	30-150							
Tetrachloro-m-xylene [2]	88.7	30-150							

Sample Extraction Data

Prep Method: SW-846 3540C-SW-846 8082A

Lab Number [Field ID]	Batch	Initial [Wipe]	Final [mL]	Date
11H1066-01 [824-JAC-9A]	B036244	1.00	10.0	08/25/11
11H1066-02 [824-JAC-9B]	B036244	1.00	10.0	08/25/11
11H1066-03 [824-JAC-9C]	B036244	1.00	10.0	08/25/11
11H1066-04 [824-JAC-9D]	B036244	1.00	10.0	08/25/11

QUALITY CONTROL
Polychlorinated Biphenyls By GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B036244 - SW-846 3540C										
Blank (B036244-BLK1)										
Prepared: 08/25/11 Analyzed: 08/28/11										
Aroclor-1016	ND	0.20	µg/Wipe							R-05
Aroclor-1016 [2C]	ND	0.20	µg/Wipe							R-05
Aroclor-1221	ND	0.20	µg/Wipe							
Aroclor-1221 [2C]	ND	0.20	µg/Wipe							
Aroclor-1232	ND	0.20	µg/Wipe							
Aroclor-1232 [2C]	ND	0.20	µg/Wipe							
Aroclor-1242	ND	0.20	µg/Wipe							
Aroclor-1242 [2C]	ND	0.20	µg/Wipe							
Aroclor-1248	ND	0.20	µg/Wipe							
Aroclor-1248 [2C]	ND	0.20	µg/Wipe							
Aroclor-1254	ND	0.20	µg/Wipe							
Aroclor-1254 [2C]	ND	0.20	µg/Wipe							
Aroclor-1260	ND	0.20	µg/Wipe							R-05
Aroclor-1260 [2C]	ND	0.20	µg/Wipe							R-05
Aroclor-1262	ND	0.20	µg/Wipe							
Aroclor-1262 [2C]	ND	0.20	µg/Wipe							
Aroclor-1268	ND	0.20	µg/Wipe							
Aroclor-1268 [2C]	ND	0.20	µg/Wipe							
Surrogate: Decachlorobiphenyl	2.38		µg/Wipe	2.00		119	30-150			
Surrogate: Decachlorobiphenyl [2C]	2.47		µg/Wipe	2.00		124	30-150			
Surrogate: Tetrachloro-m-xylene	2.44		µg/Wipe	2.00		122	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	2.56		µg/Wipe	2.00		128	30-150			
LCS (B036244-BS1)										
Prepared: 08/25/11 Analyzed: 08/28/11										
Aroclor-1016	1.1	0.20	µg/Wipe	1.00		108	40-140			R-05
Aroclor-1016 [2C]	1.2	0.20	µg/Wipe	1.00		117	40-140			R-05
Aroclor-1260	1.3	0.20	µg/Wipe	1.00		133	40-140			R-05
Aroclor-1260 [2C]	1.4	0.20	µg/Wipe	1.00		139	40-140			R-05
Surrogate: Decachlorobiphenyl	6.91		µg/Wipe	4.00		173	30-150	*		S-23
Surrogate: Decachlorobiphenyl [2C]	7.21		µg/Wipe	4.00		180	30-150	*		S-23
Surrogate: Tetrachloro-m-xylene	5.67		µg/Wipe	4.00		142	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	5.68		µg/Wipe	4.00		142	30-150			
LCS Dup (B036244-BSD1)										
Prepared: 08/25/11 Analyzed: 08/28/11										
Aroclor-1016	0.69	0.20	µg/Wipe	1.00		69.1	40-140	44.0	*	30 R-05
Aroclor-1016 [2C]	0.72	0.20	µg/Wipe	1.00		72.0	40-140	47.9	*	30 R-05
Aroclor-1260	0.71	0.20	µg/Wipe	1.00		70.5	40-140	61.6	*	30 R-05
Aroclor-1260 [2C]	0.70	0.20	µg/Wipe	1.00		70.0	40-140	66.1	*	30 R-05
Surrogate: Decachlorobiphenyl	2.84		µg/Wipe	2.00		142	30-150			
Surrogate: Decachlorobiphenyl [2C]	2.96		µg/Wipe	2.00		148	30-150			
Surrogate: Tetrachloro-m-xylene	2.43		µg/Wipe	2.00		121	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	2.53		µg/Wipe	2.00		126	30-150			

FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
R-05	Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.
S-23	Surrogate recovery outside of control limits in BS/MS spiked sample, all reported analytes are within control criteria, data not significantly affected.

CERTIFICATIONS**Certified Analyses included in this Report****Analyte****Certifications****No certified Analyses included in this Report**

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	American Industrial Hygiene Association	100033	01/1/2012
MA	Massachusetts DEP	M-MA100	06/30/2012
CT	Connecticut Department of Public Health	PH-0567	09/30/2011
NY	New York State Department of Health	10899 NELAP	04/1/2012
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2012
RI	Rhode Island Department of Health	LAO00112	12/30/2011
NC	North Carolina Div. of Water Quality	652	12/31/2011
NJ	New Jersey DEP	MA007 NELAP	06/30/2012
FL	Florida Department of Health	E871027 NELAP	06/30/2012
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2012
WA	State of Washington Department of Ecology	C2065	02/23/2012
ME	State of Maine	2011028	06/9/2013

CHAIN OF CUSTODY RECORD

39 Spruce Street
East Longmeadow, MA 01028

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11H1066

Company Name: Fuss - O'Neil Associates

Telephone: 617-442-4025

Address: 50 Reedfield St

Project # 20020705 APES

Attention: Boston MA

Client PO#

Project Location: Waltham, MA

DATA DELIVERY (check all that apply)
☐ FAX ☐ EMAIL ☐ WEBSITE

Sampled By: ECCEIT

Fax #

Project Proposal Provided? (for billing purposes)
☐ yes ☐ no

Email:

Format:

OPDF CEXCEL OGIS
☐ OTHER

Collection

☐ "Enhanced Data Package"

Con-Test Lab ID

Client Sample ID / Description

Beginning Date/Time

Ending Date/Time

Composite

Grab

*Matrix Date

Lab Date

01

8/21/04

9A

Shay

PM

1

1

1

02

9B

1

1

1

1

1

1

03

9C

1

1

1

1

1

1

04

9D

1

1

1

1

1

1

Comments:

Arce

Wired 16

1

1

1

1

1

Relinquished by: (signature)

Date/Time:

Turnaround

Detection Limit Requirements

Massachusetts:

Is your project MCP or RCP?

MCP Analytical Certification Form Required

RCP Analysis Certification Form Required

Received by: (signature)

Date/Time:

7-Day

10-Day

Other

Connecticut:

MA State DW Form Required

PWSID #

Relinquished by: (signature)

Date/Time:

24-Hr

48-Hr

RUSH

Require lab approval

Other:

Other:

Received by: (signature)

Date/Time:

7-Day

10-Day

Other

Connecticut:

MA State DW Form Required

PWSID #

Relinquished by: (signature)

Date/Time:

24-Hr

48-Hr

RUSH

Require lab approval

Other:

Other:

Received by: (signature)

Date/Time:

7-Day

10-Day

Other

Connecticut:

MA State DW Form Required

PWSID #

Received by: (signature)

Date/Time:

7-Day

10-Day

Other

Connecticut:

MA State DW Form Required

PWSID #

TURNAROUND TIME (business days) STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

NEIAC & AIHA Certified

WBE/DBE Certified

AIHA

WBE/DBE Certified

WBE/DBE Certified

WBE/DBE Certified

39 Spruce St.
East Longmeadow, MA. 01028
P: 413-525-2332
F: 413-525-6405
www.contestlabs.com



Sample Receipt Checklist

CLIENT NAME: F+O EnviroScience RECEIVED BY: SD DATE: 8/25/11

1) Was the chain(s) of custody relinquished and signed? Yes No No CoC Included

2) Does the chain agree with the samples?

If not, explain:

3) Are all the samples in good condition?

If not, explain:

4) How were the samples received:

On Ice ☒ Direct from Sampling ☐ Ambient ☐ In Cooler(s) ☒

Were the samples received in Temperature Compliance of (2-6°C)? Yes No N/A

Temperature °C by Temp blank _____ Temperature °C by Temp gun 3.1

5) Are there Dissolved samples for the lab to filter?

Yes No

Who was notified _____ Date _____ Time _____

6) Are there any RUSH or SHORT HOLDING TIME samples?

Yes No

Who was notified _____ Date _____ Time _____

7) Location where samples are stored:

19

Permission to subcontract samples? Yes No

(Walk-in clients only) if not already approved

Client Signature: _____

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz amber/clear jar	
500 mL Amber		4 oz amber/clear jar	<u>4</u>
250 mL Amber (8oz amber)		2 oz amber/clear jar	
1 Liter Plastic		Air Cassette	
500 mL Plastic		Hg/Hopcalite Tube	
250 mL plastic		Plastic Bag / Ziploc	
40 mL Vial - type listed below		PM 2.5 / PM 10	
Colisure / bacteria bottle		PUF Cartridge	
Dissolved Oxygen bottle		SOC Kit	
Encore		TO-17 Tubes	
Flashpoint bottle		Non-ConTest Container	
Perchlorate Kit		Other glass jar	
Other		Other	

Laboratory Comments:

40 mL vials: # HCl _____ # Methanol _____
Bisulfate _____ # DI Water _____
Thiosulfate _____ Unpreserved _____

Time and Date Frozen:

Do all samples have the proper Acid pH: Yes No N/A

Do all samples have the proper Base pH: Yes No N/A

Doc# 277

Rev. 1 May 2011

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